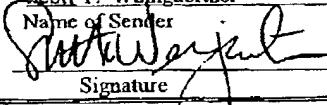


1140668-0026

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE RECEIVED
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Applicants : Schmitt et al. JUN 02 2004
Serial No. : 09/912,128
Filed : July 24, 2001
For : METHOD FOR DEBUGGING FLOWCHART
PROGRAMS FOR INDUSTRIAL CONTROLLERS
Examiner : Kenneth A. Gross
Group Art Unit : 2122

OFFICIAL

CERTIFICATE OF TRANSMISSION UNDER 37 C.F.R. 1.8		
I hereby certify that this paper is being facsimile transmitted to the U.S. Patent and Trademark Office on the date indicated below at the facsimile number 703-746-7239.		
Scott T. Weingaertner  Signature	37,756 PTO Reg. No.	6/2/04 Date of Signature

*Fee paid
J. H. M.*

**Kenneth A. Gross
Group 2122
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450**

**FACSIMILE NO: 703-746-7239
DATE: June 2, 2004
PAGES: 24 pages**

AMENDMENT

Sir:

Applicants submit this amendment in response to the Office Action mailed January 1,

2004, and concurrently petition for a two month extension of the period for response. Fees

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PAGE 1/24 * RCVD AT 6/2/2004 8:57:43 PM [Eastern Daylight Time] * GVR:USPTO-EFXRF-2/1 * DNIS:7467239 * CSID: * DURATION (mm:ss):00:30

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Serial No. 09/912,128, filed July 24, 2001
Docket No. 1140668-0026 // 2000 P 14920
Page 24 of 24

editor to form a motion control flowchart that can be visualized on a display. The method comprises the steps of preparing a debugging process for programming code associated with the flowchart, conducting debugging for the debugging processes, and displaying the debugging process at a plurality of levels.

Claim 56 depends from claim 55 and specifies with greater detail the nature of the levels at which the debugging processes

These features are neither disclosed nor suggested by the art. Allowance of these claims is therefore respectfully requested.

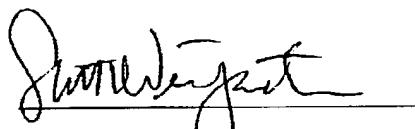
CONCLUSION

Upon entry of this Amendment, claims 26-56 are pending in the application. Applicants submit that the claims, for the reasons set forth above, are in condition for allowance. Reconsideration and allowance are therefore respectfully requested.

If a fee is required, the Commissioner is authorized to charge the fee to Deposit Account No. 23-1703.

Dated: June 2, 2004

Respectfully submitted,



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